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(54) SILVER ALLOY SPUTTERING TARGET FOR FORMING REFLECTION LAYER OF OPTICAL RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a silver alloy sputtering target for forming an Ag alloy reflection layer of an optical recording medium such as a magneto-optical recording disk (MD, MO) and an optical recording medium (CD-RW, DVD-RAM).

SOLUTION: This sputtering target consists of: a silver alloy (1) having a composition containing, by mass, 0.5 to 3% Cu and one or more kinds selected from Dy, La, Nd, Tb and Gd by 0.1 to 3% in total, and the balance Ag; a silver alloy (2) having a composition containing 0.5 to 3% Cu, and one or more kinds selected from Ca, Be and Si by 0.005 to 0.05% in total, and the balance Ag; or a silver alloy (3) having a composition containing 0.5 to 3% Cu, and one or more kinds selected from Dy, La, Nd, Tb and Gd by 0.1 to 3% in total, and one or more kinds selected from Ca, Be and Si by 0.005 to 0.05% in total, and the balance Ag.

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